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 TITLE: Cupressuflavone, a new member of the biflavonyl group  
 AUTHOR(S): S. Murti, V. V.; Raman, P. V.; Seshadri, T. R.  
 CORPORATE SOURCE: Univ. Delhi, India  
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 LANGUAGE: English  
 GI For diagram(s), see printed CA Issue.  
 AB Air-dried leaves of *Cupressus torulosa* (or of *C. sempervirens*) exhaustively extracted with hot Me<sub>2</sub>CO, the concentrate extracted with hot ligroine to remove waxes and chlorophyll, the residue refluxed in alc. and filtered, and the residual greenish-yellow solid extracted with hot Me<sub>2</sub>CO yielded yellow solid cupressuflavone (I), m. above 360° (MeOH-C<sub>5</sub>H<sub>5</sub>N), containing no MeO or C-Me groups; hexaacetate m. 251-3°; tetra-Me ether m. 259-61°; hexa-Me ether m. 295-7°; hexa-Et ether m. 267-9° (oxime m. 290-1°). Degradation of the hexa-Me ether with absolute alc. alkali or alkaline H<sub>2</sub>O<sub>2</sub> gave p-MeOC<sub>6</sub>H<sub>4</sub>CO<sub>2</sub>H as the only recognizable product. The N.M.R. spectrum of the Me ether in CDCl<sub>3</sub> was consistent with a sym. dimeric structure. Since the hexa-Me ether was found to be identical with 8,8''-biapigeninyl hexamethyl ether synthesized by Nakazawa (CA 59, 1574a) it was concluded that I is the previously unknown 8,8''-biapigeninyl.  
 IT 1065-78-7F, Cupressuflavone, hexamethyl ether, dioxime  
 RL: PREP (Preparation)  
 (preparation of)  
 RN 1065-78-7 CAPLUS  
 CN 8,8''-Biflavone, 4',4'',5,5'',7,7''-hexamethoxy-, dioxime (7CI, 8CI) (CA INDEX NAME)

